

000  
CXUS55 KVEF 112323 CCA  
CLALAS

CLIMATE REPORT  
NATIONAL WEATHER SERVICE LAS VEGAS, NV  
323 PM PST TUE JAN 11 2011

.....

...THE LAS VEGAS NV CLIMATE SUMMARY FOR THE YEAR OF 2010...

CLIMATE NORMAL PERIOD 1971 TO 2000  
CLIMATE RECORD PERIOD 1937 TO 2011

WEATHER	OBSERVED VALUE	DATE (S)	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR'S VALUE	DATE (S)
---------	-------------------	----------	-----------------	--------------------------	----------------------	----------

.....

TEMPERATURE (F)

RECORD

HIGH	117	07/19/2005				
		07/24/1942				
LOW	8	01/13/1963				
		01/25/1937				
HIGHEST	113	07/18	80	33	113	07/18
		07/15				
LOWEST	30	12/31	56	-26	29	01/06
		11/26				
AVG. MAXIMUM	79.6		79.9	-0.3	80.6	
AVG. MINIMUM	59.3		56.3	3.0	59.2	
MEAN	69.5		68.1	1.4	69.9	
DAYS MAX >= 90	126		133.0	-7.0	144	
DAYS MAX <= 32	0		0.0	0.0	0	
DAYS MIN <= 32	4		24.0	-20.0	7	
DAYS MIN <= 0	0		0.0	0.0	0	

PRECIPITATION (INCHES)

RECORD

MAXIMUM	10.72	1941				
MINIMUM	0.56	1953				
TOTALS	5.90		4.49	1.41	1.59	
DAILY AVG.	T		0.01	-0.01		
DAYS >= .01	31		27.0	4.0	18	
DAYS >= .10	16		11.0	5.0	5	
DAYS >= .50	2		2.0	0	1	
DAYS >= 1.00	1		0.3	0.7	0	
GREATEST						
24 HR. TOTAL	1.07	01/20 TO 1/21			0.59	02/07 TO
02/08						

SNOWFALL (INCHES)

RECORDS

TOTAL	16.7	1949				
24 HR TOTAL	9.0	01/04/1974 TO 01/05/1974				
SNOW DEPTH	8	01/05/1974				
TOTALS	0.0		1.1	-1.1	0.0	

SINCE 7/1	0.0	T	0.0	0.0
SNOWDEPTH AVG.	0	0	0	0
DAYS >= TRACE	0	2.0	-2.0	0
DAYS >= 1.0	0	0.2	-0.2	0
GREATEST				
SNOW DEPTH	0			0
24 HR TOTAL	0.0			0.0
STORM TOTAL	0.0			0.0

DEGREE_DAYS				
HEATING TOTAL	1895	2276	-381	1889
SINCE 7/1	725	947	-222	844
COOLING TOTAL	3648	3168	480	3790
SINCE 1/1	3648	3214	434	3790

#### FREEZE DATES

##### RECORD

EARLIEST	10/21/1949
LATEST	04/12/1967

##### NORMAL

FIRST	11/25
LAST	02/28

.....

#### WIND (MPH)

AVERAGE WIND SPEED	9.1		
RESULTANT WIND SPEED/DIRECTION	6/202		
HIGHEST WIND SPEED/DIRECTION	45/230	DATE	04/28
HIGHEST GUST SPEED/DIRECTION	63/230	DATE	04/28

#### SKY COVER

POSSIBLE SUNSHINE (PERCENT)	MM
-----------------------------	----

NUMBER OF DAYS FAIR	184
NUMBER OF DAYS PC	139
NUMBER OF DAYS CLOUDY	42

AVERAGE RH (PERCENT)	30
----------------------	----

#### WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	13	MIXED PRECIP	0
HEAVY RAIN	1	RAIN	11
LIGHT RAIN	59	FREEZING RAIN	0
LT FREEZING RAIN	0	HAIL	0
HEAVY SNOW	0	SNOW	0
LIGHT SNOW	0	SLEET	0
FOG	13	FOG W/VIS <= 1/4 MILE	0
HAZE	8		

- INDICATES NEGATIVE NUMBERS.

R INDICATES RECORD WAS SET OR TIED.

MM INDICATES DATA IS MISSING.

T INDICATES TRACE AMOUNT.

&&

NOTE...INFORMATION LISTED HERE IS PRELIMINARY AND MAY BE REVISED IN

FINAL PUBLICATIONS.

2010 WILL BEST BE REMEMBERED IN LAS VEGAS FOR THE EXTREMELY WET PERIODS OF WEATHER NEAR THE START AND END OF THE YEAR AND THE LACK OF RAIN DURING THE MONSOON.

THE AVERAGE TEMPERATURE AT MCCARRAN INTERNATIONAL AIRPORT - THE OFFICIAL CLIMATE STATION FOR LAS VEGAS - FOR 2010 WAS 69.5 DEGREES. THIS RANKS AS THE 9TH WARMEST YEAR EVER IN LAS VEGAS BASED ON RECORDS DATING BACK TO 1937. THE WARMEST YEAR EVER WAS BACK IN 2007 WITH AN AVERAGE TEMPERATURE OF 71.1 DEGREES. THE WARMTH THIS YEAR AS HAS BEEN THE CASE WITH MOST OF THE LAST DECADE WAS DUE TO THE VERY WARM LOW TEMPERATURES. THE AVERAGE MINIMUM TEMPERATURE AT MCCARRAN WAS 59.3 DEGREES WHICH RANKS AS THE 4TH WARMEST ON RECORD AND WAS 3 DEGREES ABOVE NORMAL. THE AVERAGE MAXIMUM TEMPERATURE WAS 79.6 DEGREES WHICH WAS 0.3 DEGREE BELOW NORMAL.

THE HIGHEST TEMPERATURE AT MCCARRAN WAS 113 DEGREES ON THE 15TH AND 18TH OF JULY. THIS WAS ALSO THE HIGHEST TEMPERATURE OF THE YEAR AT ANY OF THE OTHER OFFICIAL WEATHER STATIONS IN THE LAS VEGAS VALLEY AND WAS ALSO RECORDED AT THE HENDERSON EXECUTIVE AIRPORT ON JULY 15TH AND THE NORTH LAS VEGAS CO-OP STATION ON THE 16TH.

THE LOWEST TEMPERATURE AT MCCARRAN WAS 30 DEGREES ON NOVEMBER 26TH AND AGAIN ON DECEMBER 31ST. THE COLDEST TEMPERATURE OF THE YEAR AT AN OFFICIAL WEATHER STATION IN THE VALLEY WAS 22 DEGREES AT NELLIS AIR FORCE BASE ON NOVEMBER 27TH. MCCARRAN AIRPORT RECORDED ONLY 4 DAYS WITH FREEZING TEMPS AND ALL WERE IN NOVEMBER AND DECEMBER.

AT MCCARRAN THE HIGHEST MINIMUM OF THE YEAR WAS 93 DEGREES ON JULY 19TH. THE COLDEST MAXIMUM TEMPERATURE OF THE YEAR WAS ON 38 DEGREES ON DECEMBER 31ST.

THERE WERE A TOTAL OF 84 DAYS WITH A TRIPLE DIGIT HIGH AT MCCARRAN FOR THE YEAR. 46 DAYS SAW THE HIGH REACH OR EXCEED 105 DEGREES WHILE ONLY 8 DAYS HAD HIGH TEMPERATURES OF 110 DEGREES OR HOTTER.

JULY 2010 WAS THE HOTTEST MONTH EVER IN LAS VEGAS WITH AN AVERAGE TEMPERATURE OF 96.2 DEGREES. THERE WAS A RECORD SIX DAYS WITH A LOW TEMPERATURE OF 90 DEGREES OR BETTER.

PRECIPITATION FOR THE YEAR TOTALED 5.90 INCHES AT MCCARRAN WHICH RANKS AS THE 14TH WETTEST ON RECORD SINCE 1937. THIS MAKES 2010 THE FIRST YEAR TO FINISH WITH ABOVE NORMAL PRECIPITATION AT THE OFFICIAL LAS VEGAS CLIMATE STATION SINCE 2005. THE WETTEST YEAR EVER WAS BACK IN 1941 WHEN 10.72 INCHES FELL.

OTHER PRECIPITATION TOTALS FROM AROUND THE LAS VEGAS VALLEY FOR 2010 INCLUDE...

SUMMERLIN NORTHWEST	11.14 INCHES	CCRFC
SUN CITY SUMMERLIN	10.78 INCHES	MESONET
LONE MOUNTAIN	8.74 INCHES	CCRFC
SUMMERLIN WEST	8.19 INCHES	CCRFC
WEST ALIANTE	8.10 INCHES	NWS EMPLOYEE
CENTENNIAL HILLS	7.95 INCHES	MESONET
HUALAPAI & PATRICK	7.79 INCHES	COCORAH

TROPICANA & BUFFALO	7.68 INCHES	COCORAHS
TENAYA & WASHINGTON	7.40 INCHES	COCORAHS
NWS OFFICE	7.34 INCHES	NWS STAFF
EAST LAKE MEAD PARKWAY	7.30 INCHES	COCORAHS
RHODES RANCH	7.28 INCHES	MESONET
FLAMINGO WASH AT NELLIS	7.24 INCHES	CCRFC
GOWAN & DURANGO	7.24 INCHES	CCRFC
LAKE LAS VEGAS	7.17 INCHES	CCRFC
MOUNTAIN`S EDGE SOUTH	7.16 INCHES	NWS EMPLOYEE
ROBINDALE & PECOS	6.95 INCHES	COCORAHS
PITTMAN & PECOS	6.69 INCHES	CCRFC
NLV - CRAIG & LOSEE	6.56 INCHES	CO-OP OBSERVER
FLAMINGO & BOULDER HIGHWAY	6.52 INCHES	COCORAHS
ANTHEM	6.47 INCHES	MESONET
NELLIS AIR FORCE BASE SOUTH	6.26 INCHES	CCRFC
NORTH LAS VEGAS AIRPORT	6.25 INCHES	ASOS
DOWNTOWN LAS VEGAS	5.94 INCHES	CCRFC
FLAMINGO WASH AT DECATUR	5.82 INCHES	CCRFC
NLV - CRAIG & DECATUR	5.64 INCHES	MESONET

ALTHOUGH NO SNOW FELL AT MCCARRAN DURING THE YEAR THERE WERE SEVERAL REPORTS OF SNOW FLURRIES IN THE VALLEY DURING JANUARY...FEBRUARY AND MARCH AS WELL AS NOVEMBER AND DECEMBER MAINLY ON THE WEST SIDE OF THE VALLEY. THERE WAS ONE INSTANCE OF MEASURABLE SNOW WHEN AS MUCH AS AN INCH FELL IN THE SUMMERLIN WEST AREA ON THE AFTERNOON OF JANUARY 21ST.

THE MOST SIGNIFICANT WIND EVENT OF THE YEAR IN THE LAS VEGAS VALLEY TOOK PLACE ON THE AFTERNOON AND EVENING OF APRIL 28TH WHEN WINDS GUSTED TO 62 MPH AT MCCARRAN AIRPORT TYING FOR THE SECOND HIGHEST GUST ON RECORD IN APRIL. THE STRONG WINDS BROUGHT DOWN TREES AND TOPPLED A LIGHT POLE AS WELL AS A CARPORT. WIND GUSTS AS HIGH AS 70 MPH WERE ESTIMATED IN THE FAR NORTHWEST PART OF THE LAS VEGAS VALLEY.

NOTABLE WEATHER EVENTS OF 2010 IN THE LAS VEGAS VALLEY INCLUDE THE STORMY WEATHER FROM JANUARY 18TH THROUGH THE 23RD THAT RESULTED IN EXTENSIVE FLOODING OF ROADS IN LOW-LYING AREAS. THIS STORM ALSO BROUGHT THE LOWEST SEA LEVEL PRESSURE EVER RECORDED TO LAS VEGAS AT 29.03 INCHES. THE 2010 MONSOON WAS EXTREMELY INACTIVE WITH ONLY 0.01 INCH OF PRECIPITATION RECORDED AT MCCARRAN WHICH RANKED AS THE SECOND DRIEST MONSOON SEASON EVER ON RECORD IN LAS VEGAS AT THE OFFICIAL CLIMATE STATION. A STRETCH OF 137 DAYS FROM APRIL 23RD THROUGH SEPTEMBER 6TH TIED FOR THE SIXTH LONGEST STRETCH ON RECORD AT THE OFFICIAL LAS VEGAS CLIMATE STATION TO GO WITHOUT MEASURABLE PRECIPITATION. OCTOBER 2010 FEATURED AN EXTREMELY WET AND ACTIVE WEATHER PATTERN THAT MADE UP FOR THE DRY MONSOON SEASON WITH A RECORD 6 DAYS WITH THUNDERSTORMS AND 0.82 INCH OF PRECIPITATION AT MCCARRAN MAKING IT THE 8TH WETTEST OCTOBER ON RECORD. FROM DECEMBER 17TH THROUGH THE 23RD AT LEAST A TRACE OF RAIN FELL EACH DAY AT MCCARRAN AND THE BACK-TO-BACK DAYS OF RAIN RESULTED IN SEVERAL LOW-LYING AREAS FLOODING IN THE VALLEY. THE WET WEATHER ALSO RESULTED IN 20,000 DOLLARS WORTH OF DAMAGE TO A CHRISTMAS DISPLAY AT OPPORTUNITY VILLAGE DAMAGING ELECTRICAL SYSTEMS AND CARDBOARD AND FOAM CHARACTERS. IRONICALLY 2010 WAS SENT OUT COLD WITH THE LAST DAY OF THE YEAR FEATURING THE COLDEST WEATHER OF THE YEAR. THOUSANDS OF PEOPLE BRAVED THE CHILL TO RING IN 2011 ON THE STRIP AND FREMONT STREET IN UNUSUALLY COLD CONDITIONS.

THERE WAS A TOTAL OF 23 WEATHER-RELATED FATALITIES IN THE LAS VEGAS VALLEY IN 2010. 22 OF THEM WERE DUE TO HEAT AND ONE WAS FROM A MAN KILLED AFTER HE LOST CONTROL OF HIS VEHICLE ON A WET ROAD.

&&

STACHELSKI